



“Energy Efficient Box Products” Contractor & Inspector White Paper

January 13, 2017

Allied Moulded Products manufactures a complete line of energy efficient non-metallic device and outlet boxes for residential construction. These products are safety tested and Underwriters Laboratories UL® Listed to industry standard UL-514C. In addition to testing and listing by the largest Nationally Recognized Testing Lab (NRTL) in the United States, they have also been tested and documented compliant to the NEMA OS 4 standard. Allied and other NEMA member companies, producing residential device and outlet boxes, established, tested and passed the requirements for permissible air leakage.

These products all meet or exceed the air sealed box requirements referenced in the 2009 – 2015 ICC (International Code Council) under the energy code document IECC (International Energy Conservation Code).

Madison Electric Products has launched a line of box extensions and gaskets marketed under the brand name Draft Seal. Their claim is that the product may be used on “any standard new work box” and complies with the IECC building code requirements for thermal performance and air leakage. They further claim that it helps to reduce drafts coming through outlets, vapors that cause mold inside walls and sound transmission through walls.

Ask Madison to provide you with documentation to support their claims. Nowhere on the product or in their literature do you find the UL® Listed mark or any other industry recognized NRTL. Allied contacted UL® and confirmed that the Madison product would require the same testing and listing as a box extension, including the use of listed fire resistive materials in its construction.

Also ask for test documents to support the claims of energy efficiency and reduction of sound through walls. <http://meproducts.net/draft-seal>

When you come up empty handed for NRTL listings and test documentation from Madison Electric Products, look to Allied Moulded Products for the largest line of listed, certified and inspector recognized boxes in the industry. And documentation to back up our claims. <http://alliedmoulded.com/technical-library/>

And sound transmission claims, Allied has the only non-metallic boxes third party tested, and documented for sound attenuation, without the use of acoustical sound pads.

Brad Rupp
Manager of Technical Operations